

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W#: 4762
C#: 215

MAILING ADDRESS:

3667
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES

JAMES L. CALVER, COMMISSIONER

OFFICE ADDRESS:

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Richmond National Battlefield Mailing Address: 3215 E. Broad St. Richmond VA. 23223

TENANT: Ft. Darling Mailing Address: _____

DRILLER: Sydnor Hydrodynamics, Inc. Mailing Address: P.O. Box 27186 Richmond VA. 23261

WELL LOCATION: County Chesterfield Approx. 900 ^{feet} ~~miles~~ East (direction) of I - 95 and 2500 ^{feet} ~~miles~~ North (direction) of Rt. 656

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.)

DATE STARTED: 10/27/76 DATE COMPLETED: 11/19/76

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 205 feet

WATER LEVEL: Stands 32'6" feet below surface OR has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Airlift HOLE SIZE: 12 inches from 0 to 184 feet
Drawdown 73 feet 6 inches from 184 to 205 feet
Rate 1 gal. per min. _____ inches from _____ to _____ feet
Duration 1 hrs., _____ min. SCREEN SIZE: 6 inches from 90 to 105 feet

WATER ZONES: from _____ to _____ feet
from _____ to _____ feet
from _____ to _____ feet

WATER: Color _____ Taste _____ HOLE SIZE: 6 inches from 105 to 184 feet
Odor _____ Temp. _____ °F _____ inches from _____ to _____ feet

WELL TO SUPPLY: (check one) Home _____ GROUTING: Method _____
Farm _____ Town _____ School _____ Material _____ Depth 55 feet

Industry _____ Other Park PUMP: Type _____
WATER ANALYSIS AVAILABLE: Yes _____ No XX Capacity _____ gal. per min.
DRILL CUTTINGS SAVED: Yes XX No _____ Depth of intake _____ feet

(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHED FREE OF CHARGE UPON REQUEST.)

REMARKS: Electric and Gamma log used.

LOG

FURNISHED BY: Sydnor Hydrodynamics (E. Seay, Jr) DATE: _____

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
0	1	Top Soil	
1	9	Yellow clay	
9	20	Gravel	
20	43	Gravel, white and gray clay mixed	
43	49	Rock and gravel mixed	
49	60	Yellow, gray, white clay and gravel mixed	
60	70	Some gray sand and gravel with streaks of clay	
70	86	Green and gray clay with streaks of gravel	
86	104	Brown, green, white, sandy clay with gravel	
104	116	Coarse gravel with white, gray and pink clay	
116	127	Red, gray and white clay with gravel and rock streaks	
127	131	White clay and gravel	
131	136	Gray and white clay	
136	138	Rock and gravel	
138	141	Gray clay	
141	146	Rock	
146	155	Red and gray clay with rock mixed	
155	174	Gray with some red clay	
174	176	Streaks of rock and gray clay	
176	184	Red and gray granite	
184	205	Red granite	

(Use additional forms if necessary)

VIRGINIA DIVISION OF MINERAL RESOURCES
Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

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Well Repository No: W#: 4762

C#: 215

Date rec'd: 1/11/77 Date Processed: 6/14/77

Sample Interval: from: to:

0 205

PROPERTY: Richmond National Battlefield

Number of samples: 21

COMPANY: Sydnor Hydrodynamics

Total Depth: 205

COUNTY: Chesterfield
(Bellwood)

Oil or Gas: Water: Exploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
100 - 10	-	-	-
10 - 20	-	-	-
20 - 25	-	-	-
25 - 35	-	-	-
35 - 45	-	-	-
45 - 55	-	-	-
55 - 65	-	-	-
65 - 75	-	-	-
75 - 85	-	-	-
85 - 95	-	-	-
95 - 205	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

washed and unwashed samples